

Form PTO-1449
(Rev. 2-88)

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Sheet 1 of 1

ATTY. DOCKET NO.
789-47

APPLICATION NO.
09/830,146

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

APPLICANT
BEAUDOIN, *et al.*

FILING DATE
April 20, 2001

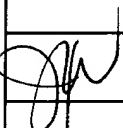
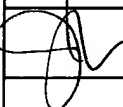
GROUP

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER'S INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLAS S	TRANSLATION	
							YES	NO
	✓	JP 08198754	8/6/96	Japan			X (ABSTRACT)	
	✓	JP 53112195	9/30/78	Japan			X (ABSTRACT)	
	✓	JP 60 035057	2/22/85	Japan			X (ABSTRACT)	
	✓	JP 04 057853	2/25/92	Japan			X (ABSTRACT)	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	✓	Chemical Abstracts no. 177859, vol. 98, no. 21 "Isolation of astaxanthin from crayfish or shrimp waste for use as a coloring agent in fish feed." 05/23/83

EXAMINER

WITZ

DATE CONSIDERED

2/23/03

* EXAMINER: Initial if a citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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TC 1700